(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 6 May 2005 (05.05.2005)

PCT

(10) International Publication Number WO 2005/040517 A1

(51) International Patent Classification7: H05K 9/00, E04D 12/00

EMB 1/92,

(21) International Application Number:

PCT/EP2004/011781

(22) International Filing Date: 18 October 2004 (18.10.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 103 49 170.8

22 October 2003 (22.10.2003) DE

- (71) Applicant (for all designated States except US): SAINT-GOBAIN ISOVER [FR/FR]; Les Miroirs, 18, avenue d'Alsace, F-92400 Courbevoie (FR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BIHY, Lother [DE/DE]; Bugen-Hertel-Strasse 9, 67657 Kaiserslautern (DE). BOGE, Birgit [DE/DE]; Tannhäuserring 174, 68199 Mannheim (DE). KELLER, Horst [DE/DE]; Im Grund 20, 69259 Wilhelmsfeld (DE).
- (74) Agents: GROSSE, Wolfgang et al.; GROSSE BCCK-HORNI SCHUMACHER, Forstenrieder Allee 59, 81476 München (DE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AB, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DB, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,

TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

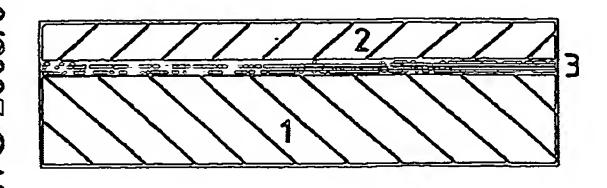
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designation US
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN; MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurosian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: VAPOR RETARDER WITH SHIELDING AGAINST ELECTROMAGNETIC FIELDS



(57) Abstract: The present invention concerns a vapor retarder for indoor sealing of buildings, especially roof structures, with at least one barrier layer (1) retarding passage of moisture vapor, especially water vapor, with the vapor retarder also having an electromagnetic-field- (EMF)- shielding layer (EMF layer) (2).

WO 2005/040517 A1